

Manhole Inspection Summary

Manhole # S02O__004MH

Printed On: 6/24/2010

Page 1 of 4

Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **020** Node: **004** Status: **Found**

Insp Date: **5/5/08 8:33 AM**

Incomplete Comments

Crew: **RL, SD**
Inspector: **Lamont**
Firm: **URS**

Location Address: **308 LONG ISLAND AVE**

Cross Street: **STAFFORD ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Wet**

☒ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover

Shape: **Circular**

Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☒ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☐ Exists

Material:

☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☒ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☒ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☒ Exists Material: **Brick**

☒ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **14** Missing: **0** ☐ Corroded

Surcharge

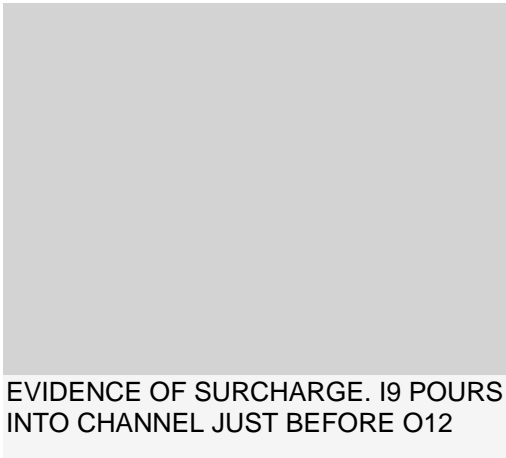
☒ **Evidence Of Surcharge**

Depth: **5** (ft.) ☐ Active Surcharge Present

Location View

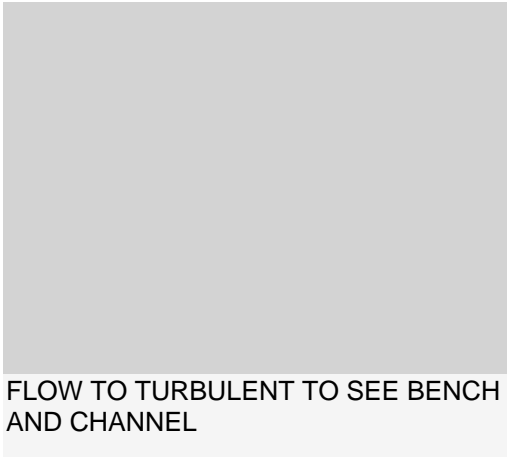


Top View



EVIDENCE OF SURCHARGE. I9 POURS INTO CHANNEL JUST BEFORE O12

Top View



FLOW TO TURBULENT TO SEE BENCH AND CHANNEL

Defect 1



BENCH DEBRIS, DETERIORATED BARREL

Manhole Inspection Summary

Manhole # S02O__004MH

Printed On: 6/24/2010

Page 3 of 4

18 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



O12 HARD TO SEE DUE TO VERY
TURBULENT FLOW

Pipe Height: **18** (in.) Rod and Bar (Angled)

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **25.70** (ft.) Flow Characteristics: **Turbulent**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 4 O'Clock

4 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **7.40** (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Stub connection / abandoned**

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S02O__004MH

Printed On: 6/24/2010

Page 4 of 4

8 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock

Drop In @ 6 O'Clock

BROKEN PIPE SEAL AND DETERIORATED
BARREL. PIPE DEBRIS PRESENT

CLOGGED DROP; DETERIORATED
BARREL

Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **16.30** (ft.) Flow Characteristics: **Turbulent**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Broken**

Drop: **Outside** Rod and Bar

Angled: **Yes** Reading: **22.10** (ft.)

Inv Depth: **23.10** (ft.)

Drop Condition: **Partly Clogged**

Connects To: **Manhole**

☐ Possible Illicit Connection

18 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock

Pipe In @ 9 O'Clock

Pipe Height: **18** (in.) Rod and Bar (Angled)

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **22.30** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection